

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete If Known**

Application Number	09/540,825
Filing Date	March 31, 2000
First Named Inventor	David L. Black
Art Unit	2112
Examiner Name	Christopher E. Lee
Attorney Docket Number	EMC2-043PUS

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CEL		US- 5,115,433	05/19/1992	Baran et al.	
CEL		US- 5,274,645	12/28/1993	Idleman et al.	
CEL		US- 5,386,511	01/31/1995	Murata et al.	
CEL		US- 5,903,911	05/11/1999	Gaskins	
CEL		US- 5,920,893	07/06/1999	Nakayama et al.	
CEL		US- 5,949,982	09/07/1999	Frankeny et al.	
CEL		US- 6,205,536	03/20/2001	Yoshida	
CEL		US- 6,275,953	08/14/2001	Vahalia et al.	
CEL		US- 6,438,586	08/20/2002	Hass et al.	RECEIVED Technology Center 2100
CEL		US- 6,470,389	10/22/2002	Chung et al.	MAY 10 2004
CEL		US- 6,557,140	04/29/2003	Kakuta et al.	
CEL		US- 6,563,793	05/13/2003	Golden et al.	
CEL		US- 6,651,130	11/18/2003	Thibault	
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
CEL		JP 6337836	12/06/1994	NEC Corp.	
CEL		JP 7191930	07/28/1995	NEC Corp.	X
CEL		JP 07244634 A (Abstract Only)	09/19/1995	Hitachi Ltd.	
CEL		JP 7244634	09/19/1995	Hitachi Ltd.	

Examiner Signature	Christopher E. Lee	Date Considered	8/27/04
--------------------	--------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTIONS ON A COMMON PRINTED CIRCUIT BOARD AND REDUNDANT SWITCHING NETWORKS
--------------------	---

Application Number: 09/540825



Confirmation Number: 2354

First Named Applicant: David Black

Attorney Docket Number: EMC2-043PUS

RECEIVED

Art Unit: 2112

MAY 27 2004

Examiner: Christopher E. Lee

Technology Center 2100

Search string: ( 4476526 or 4633387 or 6038641 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
101	1	4476526	1984-10-09	Dodd		364	200
101	2	4633387	1986-12-30	Hartung		364	200
Clerk	3	6038641	2000-03-14	Zangenehpour		711	119

### Signature

Examiner Name	Date
Christopher E. Lee	5/27/04

BEST AVAILABLE COPY